

Table 1: RBR Class Changes
RTM Baseline Used: 4/18/97

RBR_id	req_key	Rel	Req_Category	segment	req_type	s_verif_method	s_verif_stat	a_verif_method	a_verif_stat	CCR	text	interpretation text	clarification
LAND-0015#B	9235	<u>B1</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	97-0183A	The MOC shall have the capability to interface with ECS as a user to acquire Landsat 7 metadata via a standing order.		Requirement is for the MOC. Verify in conjunction with DADS2370.
LAND-0020#B	9237	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	97-0183A	The ECS shall have the capability to provide access to the Landsat 7 directory in the GCMD.	Directory information placed on GCMD by Landsat 7.	Interface is between ECS and the GCMD. Verify in conjunction with IMS0360.
LAND-0030#B	9238	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	97-0183A	The LPS shall have the capability to send and the ECS shall have the capability to receive data availability notices for Landsat 7 Level 0R data, and associated inventory metadata	ECS also sends a Data Availability Acknowledgment to LPS.	
LAND-0040#B	9242	<u>B1</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	97-0183A	The MOC shall have the capability to provide access to the Landsat 7 guide information.	Guide information provided by Landsat 7 to ECS; ECS makes it available to users.	
LAND-0050#B	9244	<u>B0</u>	mission critical	SDPS	interface	test	un-verified	test	un-verified	97-0183A	The LPS shall have	Full ingest and archive	

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											the capability to send and the ECS shall have the capability to receive inventory metadata for Landsat 7 Level 0R data.	provided.	
LAND-0060#B	8637	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	96-1472A	The LPS shall have the capability to send and the ECS shall have the capability to receive browse data for Landsat 7 Level 0R data.	Full ingest and archive provided.	
LAND-0070#B	9255	<u>B0</u>	mission critical	SDPS	interface	test	un-verified	test	un-verified	97-0183A	The LPS shall have the capability to send and the ECS shall have the capability to receive Landsat 7 Level 0R data.	Full volume data transfer; full ingest and archive provided.	
LAND-0080#B	8642	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	96-1472A	The ECS shall have the capability to send and the LPS shall have the capability to receive a data transfer acknowledgement.	File transfer protocol supported response.	
LAND-0085#B	9257	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	97-0183A	The ECS shall have the capability to send and the LPS shall have the capability to receive an acknowledgment after ECS archives the Landsat 7 data	SDPS generated Data Delivery Notice. SDPS also receives a Data Delivery Acknowledgment from LPS.	
LAND-0090#B	9260	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	97-0183A	The IGSs shall have	Includes the exchange of	

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											the capability to send and the ECS shall have the capability to receive inventory metadata for Landsat 7 IGS data.	control messages.	
LAND-0100#B	9263	<u>B0</u>	mission essential	SDPS	interface	demo	un-verified	demo	un-verified	97-0183A	The IGSs shall have the capability to send and the ECS shall have the capability to receive browse data for Landsat 7 IGS	Browse interface is via physical media only.	
LAND-0110#B	9351	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	97-0183A	data. The IAS shall have the capability to send and the ECS shall have the capability to receive Landsat 7 instrument (ETM+) calibration information and associated metadata.	Includes the exchange of control messages.	
LAND-0115#B	9264	<u>B0</u>	mission critical	SDPS	interface	test	un-verified	test	un-verified	97-0183A	The IAS shall have the capability to interface with ECS as a user to acquire Landsat Level OR data.		IAS requirement to interface as an ECS user. Verify in conjunction with DADS 2370
LAND-0120#B	9265	<u>B0</u>	mission fulfillment	CSMS	interface	test	un-verified	test	un-verified	97-0183A	The ECS shall have the capability to send and the MMO shall have the capability to receive system	Status is sent via e-mail.	

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											management status.		
LAND-0125#B	9266	<u>B1</u>	mission fulfillment	CSMS	interface	demo	un-verified	demo	un-verified	97-0183A	The ECS shall have the capability to send and the MMO shall have the capability to receive statistics (TBD) and reports (TBD)	Reports are delivered via HTTP link. Statistics and reports will be documented in the L7-ECS ICD.	
LAND-0130#B	9267	<u>B0</u>	mission fulfillment	CSMS	interface	test	un-verified	test	un-verified	97-0183A	The MMO shall have the capability to send and the ECS shall have the capability to receive system management status.	Status is sent via e-mail.	
LAND-0140#B	9268	<u>B1</u>	mission fulfillment	CSMS	interface	test	un-verified	test	un-verified	97-0183A	The MMO shall have the capability to send and the ECS shall have the capability to receive product cost information.	Price information is sent via e-mail.	
LAND-0150#B	9269	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	97-0183A	All information exchanged between the Landsat 7 System and the ECS shall be provided in mutually agreed to formats.	Formats documented in the L7-ECS ICD.	
LAND-0160#B	9270	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	97-0183A	All information provided to the ECS by the IGSSs shall be provided in mutually agreed to formats.	Formats documented in the L7-ECS ICD.	
LAND-0170#B	8672	<u>B0</u>	mission essential	SDPS	interface	analysis	un-verified	analysis	un-verified	96-1472A	ECS elements shall be		

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											capable of supporting end-to-end test and verification activities of the EOS program including pre-launch, satellite verification, and instrument verification and operational phases as they pertain to the Landsat 7/ECS interface.		
LAND-0180#B	8673	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	96-1472A	ECS shall be capable of ingesting, storing and distributing data from LPS to support Landsat-7 for: a. Pre-launch checkout of instruments b. Development of initial calibration information.		
LAND-0185#B	8675	<u>B0</u>	mission essential	SDPS	interface	analysis	un-verified	analysis	un-verified	96-1472A	The ECS shall be capable of supporting interface testing, operations testing and acceptance testing with the LPS, IAS and MOC.		
LAND-0201#B	8677	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	96-1472A	The ECS shall be capable of ingesting and archiving and acknowledging Landsat 7 Level OR data produced by LPS over 12 hours, within 8		

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											hours from the time of receipt of the data availability notice from LPS.		
LAND-0210#B	9271	<u>B0</u>	mission essential	SDPS	interface	test	un-verified	test	un-verified	97-0183A	The ECS shall begin normal distribution of Landsat 7 products, within 24 hours from the time of receipt of the product order.		Verify in conjunction with DADS2770.
LAND-0220#B	9272	<u>B0</u>	N/A_procedural	N/A_procedural	procedural	not verified by ECS	N/A_procedural	not verified by ECS	N/A_procedural	97-0183A	The Landsat 7 LPS shall provide the FDDI connector(s) and cable for connection to the ECS router and FDDI interface at EDC, required to transmit and receive Landsat 7 data to and from ECS.	Landsat requirement.	
LAND-0230#B	9273	<u>B0</u>	mission essential	CSMS	interface	test	un-verified	test	un-verified	97-0183A	The ECS shall be capable of interfacing with the MMO and MOC via the Internet.	Includes MMO Reports, Product Price Information, System Management Status, and Engineering data.	
LAND-0240#B	9274	<u>B0</u>	N/A_procedural	N/A_procedural	procedural	not verified by ECS	N/A_procedural	not verified by ECS	N/A_procedural	97-0183A	The interfaces and any systems connecting to the ECS through these interfaces shall be consistent and compatible with ESDIS implementation of all security requirements		Not an ECS requirement.

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											imposed on the ECS and with all security documents applicable to ECS.		